

Title (en)
UPLINK CONTROL INFORMATION MULTIPLEXING METHOD AND APPARATUS

Title (de)
VERFAHREN UND VORRICHTUNG ZUM MULTIPLEXING VON UPLINK-STEUERUNGSMITTELUNGEN

Title (fr)
PROCÉDÉ ET APPAREIL DE MULTIPLEXAGE D'INFORMATIONS DE COMMANDE EN LIAISON MONTANTE

Publication
EP 4325756 A1 20240221 (EN)

Application
EP 21936343 A 20210412

Priority
CN 2021086735 W 20210412

Abstract (en)
The present application relates to an uplink control information (UCI) multiplexing method and apparatus. Embodiments of the present application provide a UCI multiplexing method. In response to occurrence of overlapping in time domain between a CG-PUSCH and a HARQ-ACK carried on a PUCCH, a multiplexing mode for CG-UCI carried on the CG-PUSCH and the HARQ-ACK can be determined on the basis of the priority of the CG-PUSCH and the HARQ-ACK; the CG-UCI and/or the HARQ-ACK are/is transmitted to a network device on the basis of the multiplexing mode. The present application is applied to the scenario that overlapping in time domain occurs between a CG-PUSCH and a HARQ-ACK carried on a PUCCH over an unlicensed band. The multiplexing transmission of the CG-PUSCH and the HARQ-ACK can be achieved over the unlicensed band according to the priority of the CG-PUSCH and the HARQ-ACK, such that the transmission latency and reliability of UCI in a URLLC service can be ensured.

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